

From boatanchors@sco.theporch.com Thu Apr 10 19:08:52 1997
From: "Shaun P. Merrigan" <merrigan@ee.ualberta.ca>
Subject: * Manuals for postage (1) *
Message-ID: <3.0.1.32.19970410105346.0081be40@nyquist.ee.ualberta.ca>

Hi BA people,

As I'm always asking for help to the list and _always_ get a positive feedback, I want to contribute a bit... So I am going to offer some manuals (not originals but good copies) only for postage (from Spain, it is the only drawback!). Here is the first list:

HP-200CD (not complete; two models, with octal and noval tubes)
HP-400D/H/L
HP-410B serial 5401 and above
Heathkit QF-1

(BTW, although not a tube item, I'm looking for manuals for the HP-5328A Universal Counter. Please, let me know if you have them)

Best regards.

JOSE

73 JOSE V. GAVILA (EB5AGV / EC5AAU)
46910 Benetusser - Valencia (IM99TK) SPAIN
*** PLEASE, VISIT MY HOME PAGE AT:
<http://www.geocities.com/SiliconValley/6992>
e-mail: eb5agv@ctv.es & eb5agv@amsat.org

Shaun P. Merrigan
Electrical Engineering Student
University of Alberta
Edmonton, Alberta, Canada

From boatanchors@sco.theporch.com Thu Apr 10 19:08:52 1997
From: "John D. Peters" <k1er@gte.net>
Subject: Re: 0A2 life?
Message-ID: <334DA4A2.4C82@gte.net>

Mike Warren wrote:

>

> Hi Gang,
>
> If the half-life of Kr85 is 10.5 years does that mean that OA2's die a
> "natural" death after X number of half-lives? If so, how many?
>
> Should I sort my VR tubes and use them based on age (i.e. use the oldest
> ones first)? (Assuming I can determine age!).
>
> I always though VR's were pretty much GO/NO GO devices.
>
> 73,
>
> Mike W5MAZ (in MN)
> m_warren@compuserve.com

Half life means just that. 1/2 the emission level after one 1/2 life.

1/2 after 10.5 years
1/4 after 21 years
1/16 after 42 years etc.

If you presume a tiny amount of ionizing radiation is all it takes to fire the gas, I would guess your grandchildren will still see the glow in the HQ-180.

73 John K1ER

From boatanchors@sco.theporch.com Thu Apr 10 19:08:52 1997
From: vancleef@netcom.com (Henry van Cleef)
Subject: Re: OA2 life?
Message-ID: <199704102359.RAA24529@netcom10.netcom.com>

As Mike Warren discourses

>
> Hi Gang,
>
> Should I sort my VR tubes and use them based on age (i.e. use the oldest
> ones first)? (Assuming I can determine age!).
>
> I always though VR's were pretty much GO/NO GO devices.
>
So far as I know, there isn't any real shelf-aging mechanism that degrades VR tubes. I've got some that are over fifty years old that work just fine.

The trick of adding a radioactive component to discharge devices (VR tubes, neon bulbs, etc.) really is to get them to fire reliably in the

dark. A little light from a pilot light seems sufficient to make them fire reliably. As I recall, the firing voltage for a VR-150 is 185 volts maximum per the spec sheets---about 125% of the nominal operating voltage. If they'll meet the specs in a lighted room, they're OK, so far as I know.

--

=====
Hank van Cleef
E-mail vancleef@netcom.com or vancleef@tmn.com
=====

From boatanchors@sco.theporch.com Fri Apr 11 19:11:37 1997
From: dfrancis@iex.net (Dexter Francis)
Subject: Re: AES Markups, etc.
Message-ID: <v01520d07af7472715979@[207.0.57.74]>

John Schriver wrote:

"What really matters is what the prices are on AES's bid lists. Historically, they have been half their sell price. Get a copy of their latest bid list. If the markup is more than 100%, then something changed in their business model. If the markup is still 100%, then it's plain old supply and demand. The tube audio and guitar amp market is still heating up."

<end quotation>

I'm not trying to be too pickey here, but I think this is not quite right. I have AES bid lists back to last October and the 1977 Catalog and there does not appear to be a fixed markup ratio. Just a few examples:

	BID	SELL	(Ratio)
6KD6	15.00	34.50	2.3
6F6	2.00	7.80	3.9
50(ST)	130.00	"CALL"	??
6146A	2.90	16.70	5.75
812A(US)	14.00	47.20	3.37

(These are from the Dec/Jan Bid list.)

I tried to figure out what their markup formula was once, but the ratios varied between 2 and 6 to 1. (As the above shows.) and I gave up, concluding that it's a very volatile market and driven by supply and demand and available shelf space and capital in most cases. Some

tubes they don't even want. I understand that the so called "TV" types are regularly thrown in the dumpster. I'm not so sure that's a great idea. Many of them are identical to the "normal" 6 and 12 Volt types and could be cheap substitutes as the price if the others climb higher. Did you ever think that the 5 Volt types could be well fed by a tossed off computer power supply? Most provide a couple amps at 5V and a few hundred mils at 12. Most computer supplies are switch mode and double or triple the line voltage up to 240 to 360 VAC before the downversion and regulation. Perhaps a 240/280 V B+, +5 and +12 could be brought out for a neat, compact BA supply. (But that's matter for another posting.)

I'd love to buy 6146B's for \$12 and sell them for \$25.40, as AES does, but this group (who are my main market) would never accept that level of pricing. (Y'all showed that in spades last year when I posted my first batch of tubes at near AES prices.)

Tubes are bought and sold like every other commodity and the number of big dealers is limited.

(International Components Corp competes with AES on their bid prices.) Some are more "retail" than others. Allied Radio still has tubes in their catalog. They ask \$56.56 for NOS 866A's and \$33.39 for 6146's. I suspect there are folks out there who will pay those prices, but most of them do not hang out on boatanchors. We're too used to getting tubes at flea fests for rock bottom prices.

My appologies to Jack and the list if I'm getting too "commercial" here. I've learned a lot about

the tube business since sinking a big piece of my Apple severance pay into my inventory and have concluded that niche market businesses are not for the faint of heart. Fortunately this is not my day job and I get enough enjoyment out of it that it's been worth the effort, so far. I get to play with lots of old tubes and help a few folks keep their treasures on the air without them having wait for the next flea fest or scrimp on lunches to afford tubes. At least I hope that's what I'm doing....

-df

(sorry to be so long winded)

* CWest Tube Sales - P.O. Box 22443 SLC, UT 84122 *
* (801) 363-TUBE voice/fax, E-mail: tubes@usa.net *
* For a current listing of New and Used Tubes try *
* http://www.usa.net/~dfrancis/CWest_Tube_Sales.html *

From boatanchors@sco.theporch.com Fri Apr 11 19:11:37 1997
From: "David L. Thompson" <thompson@mindspring.com>
Subject: Re: AES Markups, etc.
Message-ID: <1.5.4.16.19970411181055.2faf51ca@pop.mindspring.com>

Unfortunately tubes are in demand for a rapidly disappearing supply.
Remember that you must buy a lot of product that may not sell at bid and the mark up must cover this cost or the business cannot survive. Don't like the price? All I can say is shop around!!

Now we also need to remember mark up is a pure retail term with a simple formula....

MARK UP = $\frac{\text{selling price} - \text{cost}}{\text{selling price}}$. (From any basic retail book)

Thus 100% markup only occurs if the merchant paid no cost!

For example \$15.00 cost and \$35.00 selling price is actually
 $\frac{(\$35 - \$15)}{\$35} = 57.14\%$

73, Dave K4JRB

From boatanchors@sco.theporch.com Thu Apr 10 19:08:52 1997
From: don merz <71333.144@CompuServe.COM>
Subject: AES Tube Prices Up??
Message-ID: <970410200801_71333.144_DHB58-9@CompuServe.COM>

Is it my imagination or are tube prices considerably increased at AES? I used to use AES as a price guide. But now I find that I can always find the tube I am looking for A LOT cheaper elsewhere.

I kind of suspected we might be in trouble when the place changed hands and the new owner published a catalog whose photo pictured only the rarest-of-the-rare...

73, Don

From boatanchors@sco.theporch.com Thu Apr 10 19:08:52 1997
From: John Shriver <jas@shiva.com>
Subject: Re: AES Tube Prices Up??

Message-ID: <199704102037.QAA06191@shiva-dev.shiva.com>

What really matters is what the prices are on AES's bid lists. Historically, they have been half their sell price. Get a copy of their latest bid list. If the markup is more than 100%, then something changed in their business model. If the markup is still 100%, then it's plain old supply and demand. The tube audio and guitar amp market is still heating up.

Also, AES's markup is probably higher than, say, Electron Tube Enterprises, since they provide a fancy catalog, full-time sales representatives, etc. On the other hand, their markups are surely lower than SND Tube sales, who caters to audiophiles. (You don't even want to think about what he charges for an Amperex 6922/E88CC.)

You will also find that there are small tube dealers who have many tubes that they bought as part of a lot, and found that they effectively paid more than AES will bid. Then they try and sell them directly, below AES's sell price (but above the bid price) to try and make a profit.

There is a large network of tube pickers through the country to whom AES periodically FAXes bid lists. They, in turn, buy the tubes at fleas, from estates, from TV repair places, etc.

The NOS tube market is the one of closest things to the Economist's "perfect market", especially at the wholesale level. Full information.

From boatanchors@sco.theporch.com Thu Apr 10 19:08:52 1997
From: Ethan Emeson <emesone@elwha.evergreen.edu>
Subject: Re: AES Tube Prices Up??
Message-ID: <Pine.ULT.3.91.970410170505.20156D-100000@elwha.evergreen.edu>

On Thu, 10 Apr 1997, don merz wrote:

> Is it my imagination or are tube prices considrably increased at AES? I
> used to use AES as a price guide. But now I find that I can always find
> the tube I am looking for A LOT cheaper elsewhere.
>
> I kind of suspected we might be in trouble when the place changed hands and
> the new owner published a catalog whose photo pictured only the rarest-of-
> the-rare...
>
> 73, Don

A self-serving, self-indulgent plug: just ask me! I've got thousands of

tubes I'm dyin to sell for 50% or less of AES price. But sorry, I don't have any of the "rarest-of-the-rare..."
--Ethan

From boatanchors@sco.theporch.com Thu Apr 10 19:08:52 1997
From: Spencer Petri <spetri@e-tex.com>
Subject: Amp Update!
Message-ID: <m0wFQ64-00000nC@e-tex.com>

Gang,

This is definitely tube. The 4-1000A 6 meter amp is putting out a solid 1 KW and I'm limited by the amount of drive available, however the output of the homebrew transverter is a 4X150 and I'm only running 950 VDC as plate voltage. Gotta up that to about 1200VDC.

I had some trouble matching the input but went to link coupling and solved the problem.

Thanks to Bobbi who supplied type N bulkhead connector.

Glad to be about thru with construction. Lasted much longer then I intended.

This may be a little off the BA topic but since there is a collection of people in the know, where can I get type N connectors for 3/4" CATC aluminum jacket haardling?

73 de Pete WA5JCI

EM-21--6 Mtr -- WAS #490, WAC CW, DXCC/91 Countries, VUCC/618 Grids

2 Mtr -- 36 States -- VUCC/183 Grids

From boatanchors@sco.theporch.com Thu Apr 10 19:08:52 1997
From: "Ian Abbott" <ian@gene.COM>
Subject: AN/TS-329U info needed, + thank yous
Message-ID: <9704101352.ZM24638@emerald.gene.com>

Hi-

I've just acquired a small dummy load unit labled AN/TS-329U, and I'm hoping someone can help me find the specifications for it.

The unit is in a small, square-ish box with a plywood backing that appears to be for mounting on the bulkhead or wall. It's got an SO-239 connector on the bottom and a meter that reads up to 500 milliamps.

Any ideas what the max power/time ratings are for this? Heck, does anyone know where it might have been used? Mine came with a paper tag saying it was checked at NAS Alameda in 1957.

Thanks in advance for any information!

Second Subject: Thanks!

A couple of weeks ago I posted some questions about an ART-13 I'm trying to get on the air, and quite a few people offered advice, power supply schematics, and even offers to sell some connectors I said I needed. I just want to say "Thanks!" to those who replied when I asked for information last time.

Someday I hope to know enough to offer someone *else* some useful advice!

IEA

--

"The reasonable man adapts himself to the world; the unreasonable one persists in trying to adapt the world to himself. Therefore, all progress depends on the unreasonable man." --George Bernard Shaw

~~~~~%~~~~~  
Ian E. Abbott | abbott.ian@gene.com %  
Genentech, Inc. | Voice: 415.225.1793 %  
Fermentation/Recovery | Pager: 415.655.9160 <"{}{}{}{}"><  
Information Systems Group | Fax: 415.225.3541 \_| \_|

From boatanchors@sco.theporch.com Fri Apr 11 08:45:58 1997  
From: k9gdt@juno.com (George P Sieverson)  
Subject: Announcement and question  
Message-ID: <19970411.072159.3910.0.K9GDT@juno.com>

Greetings bulbaholics,



I just put up a personal web page on the internet. Of course, there's a section on ham radio and boatanchors. This is my first attempt at HTML coding, so any comments/suggestions are welcome.

Here's the URL: <http://pwp.starnetinc.com/k9gdt/index>

My question concerns acceptable web practice. I would like to include links to other personal sites, some owned by members of this esteemed group. Can I just do it? Or is it better "manners" to ask for permission from the site's owner? I just want to do the right thing.

73 'n cheers 'n beers,  
George

\*\*\*\*\*

George Sieverson

Barrington, IL

K9GDT@JUNO.COM (text only)

K9GDT@STARNETUSA.NET

Web page: <http://pwp.starnetinc.com/k9gdt/index>

\*\*\*\*\*

From boatanchors@sco.theporch.com Fri Apr 11 19:11:37 1997

From: owens@stout.atd.ucar.edu (Chip Owens)

Subject: AUdio Transformer Info needed

Message-ID: <199704111530.JAA04897@atd.atd.ucar.EDU>

At the last swapmeet in Longmont, CO I picked up two audio transformers. I have no information on them and would appreciate any help in finding out what they are and what the pinout and power rating, etc. is.

#1 UTC HA-134

#2 audio transformer made by Thordarson for Collins Radio Co.  
has two part numbers on label:

7 50098            677 0106 00

this is cylinder shaped, 2 7/8" diam. X 3 1/2" high.

Any help gratefully accepted.

Thanks!, Chip Owens, NW00

\*Still looking for UTC LS-47X audio transformer

From boatanchors@sco.theporch.com Fri Apr 11 08:45:58 1997  
From: Eugene Rippen <soundval@foothill.net>  
Subject: BA Buy/Sell list is real.  
Message-ID: <334DB5CF.7F9D@foothill.net>

Hi BA'ers.

The new list for buying, selling and trading BA's, is now up and running on a reflector. It is "baswaplist" (for BA Swap List)

If you subscribed and did not just receive the first message, then you should re-subscribe.

Since the list is now on a reflector, the procedure is:  
Subscribe by sending message TO: majordomo@foothill.net  
and say only in the message: "subscribe baswaplist"  
without the quotation marks.

To send messages to the list for reflection, the messages should be sent to: baswaplist@foothill.net

To get a copy of your message sent to yourself you should CC yourself.

For a while I will often send out the instructions and rules of the baswaplist to that list's subscribers.

Feel free to post your FS's and WTB's once you have subscribed.

Gene

From boatanchors@sco.theporch.com Fri Apr 11 08:45:58 1997  
From: John Hurst <hurstjsj@gte.net>  
Subject: Re: BA Buy/Sell list is real.  
Message-ID: <334DEC43.563A@gte.net>

Eugene Rippen wrote:

>

> Hi BA'ers.

>

> The new list for buying, selling and trading BA's, is

> now up and running on a reflector. It is "baswaplist" (for BA  
> Swap List)  
>  
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> should be sent to: baswaplist@foothill.net  
>  
> To get a copy of your message sent to yourself you should  
> CC yourself.  
>  
> For a while I will often send out the instructions and rules  
> of the baswaplist to that list's subscribers.  
>  
> Feel free to post your FS's and WTB's once you have subscribed.  
>  
> Gene

From boatanchors@sco.theporch.com Thu Apr 10 19:08:52 1997  
From: Paul & Sandra Bock <bocks@erols.com>  
Subject: BA Trivia: Russian military equipment  
Message-ID: <334D8ADA.3377@erols.com>

I recently traded for one of those GDR-built keys reportedly used by the former USSR's Red Army. I took it to work to show to a couple of hams, and also happened to show it to one of my fellow engineers who emigrated from Russia several years ago. When I mentioned to Gary (his chosen "Americanized" name) that this type of key was built in East Germany (as shown on the label) but "used by the Russian Army" he was quick to correct me:

"Maybe used a little by troops stationed in East Germany, but Soviet Army used only Soviet-built equipment. Of that I am sure. It was policy of Soviet Army never to use foreign-made equipment. Only Russian-made equipment was good enough."

Then he grinned and said, "Good thing for us we never had to compare with Western equipment in a world war."

Gary speaks with some authority; he is a former Soviet Army officer, having achieved the rank of Captain. One of his assignments was as a

ICBM missile battery officer in Kazakhstan, watching over the multiple-warhead, long-range missiles aimed at U.S. cities. He said it was the coldest, most miserable winter duty he ever had.

Regarding the key in question, this is just a caveat, not a condemnation; I'd have made the same trade even if the key had been built in West Germany, or Sweden, or France. It's a neat key and stands on its own merits, which IMHO is the way 99.999% of BA's should be judged. Without iron-clad, documented proof of some historically significant connection, that's really all you have to go on.

73,

Paul, K4MSG

From boatanchors@sco.theporch.com Fri Apr 11 08:45:58 1997  
From: Keith Heitzmann <kk5fe@communique.net>  
Subject: Re: BA Trivia: Russian military equipment  
Message-ID: <2.2.16.19970410214753.2d4f82cc@mail.communiquenet>

At 10:50 PM 4/10/97 GMT, Paul, K4MSG wrote:

>I recently traded for one of those GDR-built keys reportedly used by  
>the former USSR's Red Army. I took it to work to show to a couple of  
>hams, and also happened to show it to one of my fellow engineers who  
>emigrated from Russia several years ago. When I mentioned to Gary (his  
>chosen "Americanized" name) that this type of key was built in East  
>Germany (as shown on the label) but "used by the Russian Army" he was  
>quick to correct me:.....

Hi Paul and the group,

I read with interest on the key, and your friend knows, I am sure, more than any of us. However it seems that I and only a hand full of guys from this area seem to know where the key came from. I guess I have never told you the origin of the key.

There is a very large surplus yard about 2 hours drive from my house, that the man that owns it bought from the East Germans (how is still a mystery) about 2 or 3 hundred Russian military trucks. Vintage about early 70's. Everyone of them has an isolated enclosed troop carrier or an equipment container mounted on the flat bed. Now the fun stuff, all the equipment containers are full of Russian radio and electronic equipment. Everything from radios, towers, teletype, machine shops, canvas sewing shop and enough parts to keep an army going for a year (no pun intended). The stuff is probably 98% Russian and the rest is East German. Now... did the Germans put this stuff in there after they got it, I have no idea. There is evidence that the Germans inventoried some of the stuff because there are bags of parts and tubes all marked with the unmistakable CCCP but have hand written

notes in them as to what it is, but all written in German. There are a ton of Russian Military manuals out there also. I have gotten a lot of stuff from this place, Tubes, keys, parts and a 50 foot heavy duty tubular crank up tower.

Oh great you say, lets pack up the kids and go down there. Well I would say don't bother, I have been there three times and each time it gets worse. The man that owns the place first hates hams, he says we are a pain in the butt because we only want to nickel and dime him to death. He only wants to sell the containers to hunters to put them out in the woods and use them as small camps. The trucks he repaints white and sell them to the UN to use over seas. You cant buy one in this country because he dosent have the titles!

Oh the rest of the stuff.... I have seen it piled up in the middle of the yard after he strips it out when some one buys a container. Most of the containers are in mostly an unopened state with the stuff inside in very good condition. I am going to go back sometime soon, but the trick is to call ahead and talk to his son, who as soon as you wave some green stamps in front of his face he lets me in.

Some of the containers have orange tape around them because US Customs agents still have not released them.... Only wonder what's in them.

Later,  
Keith KK5FE

-----  
-----Keeper of all that I buy-----  
-----AMI# 837-----  
-----Visit my vintage Radio Web Site-----  
-----http://www.communique.net/~kk5fe---  
-----

From boatanchors@sco.theporch.com Fri Apr 11 08:45:58 1997  
From: MEC <danmec@inet.uni-c.dk>  
Subject: Re: BA Trivia: Russian military equipment  
Message-ID: <Pine.3.89.9704111028.A16968-0100000@inet.uni-c.dk>

> There is a very large surplus yard about 2 hours drive from my house, that  
> the man that owns it bought from the East Germans (how is still a mystery)  
> about 2 or 3 hundered Russian military trucks.Vintage about early 70's.  
> Everyone of them has an isolated enclosed troop carrier or an equipment  
> container mounted on the flat bed. Now the fun stuff, all the equipment  
> containers are full of Russian radio and electronic equipment. Everything  
> from radios,towers, teletype, machine shops, canvas sewing shop and enough  
> parts to keep an army going for a year (no pun intended). The stuff is

```
> probably 98% Russian and the rest is East German. Now... did the Germans put
> this stuff in there after they got it, I have no idea.
```

GDR made a lot of comm gear for the WaPa contries, with legends in cryllic as well as in German. The early ones look almost like Wehrmacht clones while the later ones were original designs, with the usual German quality! Some of these radios are really gems.  
I have even a post-war copy of the famous German Koel E52 ! Very impressive but HEAVY !!

If you are interested I can get you a book ( in German) with photos, circuit diagrams, specs etc on this stuff.

73 Rag 0Z8R0 LA5HE

From boatanchors@sco.theporch.com Thu Apr 10 19:08:52 1997  
From: WA6GYD@aol.com  
Subject: Barry Ornitz  
Message-ID: <970410170749\_-1067224731@emout06.mail.aol.com>

Differences of opinion are appreciated by me. Personal attacks and anger on the list are not. Do it off line.

Don

From boatanchors@sco.theporch.com Fri Apr 11 08:45:58 1997  
From: dr.electron@juno.com  
Subject: Re: Barry Ornitz (Animosity)  
Message-ID: <19970410.213953.9230.1.dr.electron@juno.com>

On Thu, 10 Apr 1997 21:11:25 GMT WA6GYD@aol.com writes:  
>Differences of opinion are appreciated by me. Personal attacks and  
>anger on  
>the list are not. Do it off line.  
>  
>Don  
>

I agree. Perhaps they could please establish a Tripe & Bile list to handle these issues.

Doc/

From boatanchors@sco.theporch.com Thu Apr 10 19:08:52 1997  
From: Sandy W5TVW <ebjr@worldnet.att.net>  
Subject: Re: Barry Ornitz on milk carton?  
Message-ID: <19970410203125.AAC14132@LOCALNAME>

At 03:52 PM 4/10/97 +0000, you wrote:

>I normally keep my mouth shut when I read stuff like this, but  
>what kind of crap is this??????????????

>

>

>You gotta be kidding!!, Barry IS in every sense of the word an expert!  
>His posts have been nothing short of informative useful and accurate!

>

>GET A LIFE!!!!

>

>

>

I must sound off here! I miss Barry's comments. They are very astute on many things. I wish I could rub shoulder with him on "chemical things" for a couple of weeks! I'd be greatly enlightening, I'm sure.

Secondly, I must say I have NO DEGREE, unless you consider one from the "School of Hard Knocks" a degree! Believe me, there is a LOT the "lab" engineers don't know! Those that haven't been in the "field"!

Thirdly, there is NO such thing as an "expert"! I have found that the more I find out, the more I realize that I am ignorant of! I have never stopped 'learning', even the 'old stuff'! Usually, if you do meet a 'self proclaimed expert', beware...as he or she will usually be the type who subscribes to the axiom: "If you can't dazzle them with brilliance, baffle them with bullshit!"

That's my 2 cents worth. I am NOT trying to direct this at any individual...it's just an observation for the perusal of all.

73,

E. V. Sandy Blaize, W5TVW

"Boat Anchors collected, restored, repaired, traded and used!"

417 Ridgewood Drive,

Metairie, LA., 70001

ebjr@worldnet.att.net

\*\*Looking for: 860 tubes, WL-460 tubes\*\*

\*\*Butternut HF2V antenna, G-R test gear.....\*\*\*

From boatanchors@sco.theporch.com Thu Apr 10 19:08:52 1997

From: RIlowite@aol.com  
Subject: Re: Barry Ornitz on milk carton?  
Message-ID: <970410172241\_-500845184@emout04.mail.aol.com>

Dear Hank; When and if the time comes to file your petition of attainder re KM1H, Please let me include my name. I heartily concur with every thing you said.

Best Regards; Ralph Ilowite, W2GKG

From boatanchors@sco.theporch.com Fri Apr 11 08:45:58 1997  
From: "Peter L. Demmer" <ampruss@hits.net>  
Subject: Re: Barry Ornitz on milk carton?  
Message-ID: <334D8522.3428@hits.net>

Here Hear! Barry, with or with out a milk carton, I'll imbibe to that. An expert may well be defined, as is water, some one who has usually in the past or present, been under a given degree of pressure. However, unlike water that resists nothing and will overcome everything, an expert is much like a vacuum tube. What with it's labeled, stalwart and formidable exterior we sooner or later come to realize, that a sudden hard knock will invariably shatter its hard glassy exterior. Thus, letting all it's vacuum out and the stuff of real life in. Therefore, all the people on these list are and have an untold repository of experience, value and worth. So like the glow bugs we champion, handle all equally with care. Aloha, Peter KH6CTQ

From boatanchors@sco.theporch.com Fri Apr 11 08:45:58 1997  
From: "John D. Peters" <k1er@gte.net>  
Subject: Re: Barry Ornitz, ETC.  
Message-ID: <334DFD4F.4C6E@gte.net>

WA6GYD@aol.com wrote:

>  
> Differences of opinion are appreciated by me. Personal attacks and anger on  
> the list are not. Do it off line.  
>  
> Don

I certainly agree with this post and the one from the owner asking people to knock it off.

I prefer to have a variety of comments and opinions on any topic. I am not impressed by someone (anyone) claiming to be an expert. I am reminded of the comment that the term is derived from "ex" = has been and "spert"



slang form of spurt or little drip. (except in court) a Real Expert never claims to be, but is recognized by his peers. For example, Dr Terman never had to claim to be an expert.....but he was.

I am certainly not opposed to education, and my diplomas are very pretty, but I also call someone "Doctor" if the M.D. is behind the name. The degree in some other very narrow field merely demonstrates durability. It does not guarantee common sense nor correct answers. WHEN the degree is followed with field work and lots of experience in the field, we're back to the first line. Someone recognized by peers as an expert.

I do NOT know those involved in this long series of posts, but, ENOUGH.

Disagree with a post IF you think you know more, otherwise do NOT reply. Do NOT let us know what YOU think of some other person. Let us know WHY you disagree with the content of the post.

73 John K1ER

From boatanchors@sco.theporch.com Fri Apr 11 19:11:37 1997  
From: Bob Reynolds <breynd@sigg.com>  
Subject: Re: Barry Ornitz, ETC. -Reply  
Message-ID: <97Apr11.084006cdt.19683@firewall.sigg.com>

I am reminded  
of the comment that the term is derived from "ex" = has been and  
"spert"  
slang form of spurt or little drip. .

73 John K1ER

-----  
I always thought a spurt (spert) was a drip under pressure !

73, Red K5VOL

From boatanchors@sco.theporch.com Thu Apr 10 19:08:52 1997  
From: Charles Knaack <knaack@wsu.edu>  
Subject: Re: Barry's absence  
Message-ID: <103020909af72e5489106@[134.121.47.16]>

Folks,

Thanks to Ray for the update on Barry. I miss his postings too. I

make my living as a chemist and am frequently impressed by Barry's knowledge on a wide variety chemical processes and properties, and his willingness to research a topic and get back to us with a useful summary. Any personal attacks, implied or otherwise, are unwarranted.

Back to boatanchors

Charles

\*\*\*\*\*  
Charles Knaack - ICP/MS and Stable Isotope analysis  
Washington State University  
knaack@wsu.edu, geolab@mail.wsu.edu  
Visit our world wide web page at <http://www.wsu.edu:8080/~geology/>  
\*\*\*\*\*

From boatanchors@sco.theporch.com Thu Apr 10 19:08:52 1997  
From: dfrancis@iex.net (Dexter Francis)  
Subject: Re: Being Civilized....?  
Message-ID: <v01520d06af72f77970bd@[207.0.57.74]>

I'm sorry to take up bandwidth with this request, and do so with great care, as I don't wish to fan the flames, but might I suggest that on-line conversations about problems and issues between list members, past and present, are best handled one to one, not posted to the list.

We all have our dark, stinky parts. Please let's not choose to air them, or the perceived ones of others, in front of the whole group. Let's take our conflicts and resolve them off the list, please?

Just call me "Judge for a day..."

-df

\* CWest Tube Sales - P.O. Box 22443 SLC, UT 84122 \*  
\* (801) 363-TUBE voice/fax, E-mail: tubes@usa.net \*  
\* For a current listing of New and Used Tubes try \*  
\* [http://www.usa.net/~dfrancis/CWest\\_Tube\\_Sales.html](http://www.usa.net/~dfrancis/CWest_Tube_Sales.html) \*

From boatanchors@sco.theporch.com Fri Apr 11 19:11:37 1997  
From: flegler@pilot.msu.edu (Stanley L. Flegler)  
Subject: RE:Buyer Beware (bad filter)

Message-ID: <199704111428.KAA35572@pilot07.cl.msu.edu>

Sorry to hear about the bad mechanical filter. You might want to call Fair Radio. A couple of years ago they had new replacement mechanical filters for the KWM-2 for \$35. The military used a lot of KWM-2's and apparently kept a supply of filters. I would expect that the filters would be the same. They must have sold out because I don't see them listed in the current catalog, but who knows, maybe there is a dusty one in an open box on a shelf someplace if you tell them you really need one. They are good to deal with. Good Luck and 73 Stan K8RPA, flegler@pilot.msu.edu

From boatanchors@sco.theporch.com Fri Apr 11 08:45:58 1997  
From: Glenn Finerman <GFINER@nms.com>  
Subject: Buyer BEWARE! = Wanted 2.1kc S-line filter  
Message-ID: <s34e07a4.084@nms.com>

"What a jerk I am".....is what I kept muttering to myself last night when I discovered one of the S-line receivers (75S-3B) I bought at the Yonkers Hamfest has a bad 2.1 mechanical filter!!!!. I'm sure the guy new that when he sold it to me. I'm a jerk for not CHECKING IT OUT BEFORE BUYING IT!!!!. ARGHHH!!!!. Didn't get the guys phone number, name, nothing!! Oh well, buyer beware! Now I know to always keep the following in my car trunk

- 1) Small speaker with clip leads and adapters
- 2) 25ft hunk of wire with clip leads and RCA plug.
- 3) Small tool kit, screwdrivers, allen key set, etc..
- 4) AC extension cord

I noticed the bad filter when I started playing with the receiver and found signals in USB & LSB mode were very weak compared to AM mode. Also seemed like the passband was very broad, about 5kc. Switching filters from another 75S-3B confirmed my thoughts.

I'm hoping I can find a replacement without taking out a home equity loan!, The receiver was expensive to begin with!. Maybe someone will give me a break.

73.....Glenn N2BJG gfiner@nms.com

From boatanchors@sco.theporch.com Thu Apr 10 19:08:52 1997  
From: Walter Dail <dail@CEBAF.GOV>  
Subject: Cardomatic Tube tester  
Message-ID: <1.5.4.32.19970410182545.007466ac@jlab.org>

Hello All,

I have a Cardo-matic type tube tester made by Hickok.  
I believe there was some instruction sheets out there on how  
to make your own custom punch cards. Anybody know anything about  
that? What a neat tube tester!

Later,  
Walter Dail-KT4JA

From boatanchors@sco.theporch.com Thu Apr 10 19:08:52 1997  
From: "Edward J. Zeranski" <ejz@nosc.mil>  
Subject: re: Collins antenna tuners  
Message-ID: <2.2.32.19970410235144.00dc9cc0@marlin.nosc.mil>

I dug out the manual for the SRA-22 which has been identified as a  
>>180R-6. here are the Collins numbers that match the Navy designations. Just  
>>more numbers to throw out that might be of help in chasing other units or  
>>info:

| >> | Nav #                                     | Collins #   |
|----|-------------------------------------------|-------------|
| >> | Coupler group AN/SRA-22                   | 522-1285-00 |
| >> |                                           |             |
| >> | Coupler, Antenna CU-714/SRA-22            | 544-7293-00 |
| >> |                                           |             |
| >> | Coupler Control C-2698/SRA-22             | 544-7294-00 |
| >> | Also opened up the '714, still looks new. |             |

PAUL,

This post was my reference for the numbers:

There are two mil versions of the 180L HF Coupler Series:

180L-2 is known as CU-991/AR

180L-3A " " CU-351/AR

in addition there were also some other equiv.in the 180 series:

180R-6 = AN/SRA-22

< \*\*\*\*\*

180T-2 = CU-523/ARC-58

There may have been others but these are all I have found so far.

That was from Avi Bendov on 4/9/97. I crossed those numbers to a  
Navy manual NAVSHIPS 93286 (NAVSHIPS 0967-136-6010), 30 Jan 1959 with field  
change addenda 27 Dec 62 - 1 June 1971. The contract is listed as NObstr

89158, which matches this tuner. From the markings I'd say this is an original issue manual from Collins to the Navy but it does include added tech data on subsequent field changes as noted above. Gad! Some I can remember installing! Penned across the cover is 0967-LP-071-7010, probably the new number for the pub. Hey more numbers to chase. I'll cc this post to BA too because there are folks that might be able to use the same info. I'll bet Ray Mote has the contract number memorized!

>Hi, Ed. hmmm, there might be a difference here. The 180R-6 coupler I have >does not have a Collins p/n on its nametag... the coupler 309A-2E control >has the p/n 522-2474-004 (it's s/n 10!)

>Paul Nelson W5GNF

This coupler doesn't either, that number came from the maintenance parts list in the back of the manual where everything has a Collins # but no NSN. I checked my URC-32 pub and it has both numbers ( 1969) which is another reason to believe the '22 manual is original issue. The large blue URC-32 manual must be loaned to a friend because I can't find it right now. That has the theory and ops which I think includes the tuner and perhaps some info you can use. All I have with me is the URC-32 overhaul and repair instructions manual, it is only the TX/RX itself.

Sure I can burn you a copy, no prob, but perhaps I should fax the picture page first. It should reproduce well and that would let us know if we have similar tuners rather than waste your money. So...email a fax # and the pix will be on the way. Good Luck!!

Ed Zeranski : ejz@marlin.nosc.mil, work / ezeran@cris.com, home  
Wooden Boats, Tube Receivers, Rusty Old Trucks, The Good Stuff!  
This is a private opinion or statement and is nobody's fault but mine.  
No person, employer, or govt.should try to take credit for it!

From boatanchors@sco.theporch.com Fri Apr 11 08:45:58 1997  
From: David Ross <ross@hypertools.com>  
Subject: re: Collins antenna tuners  
Message-ID: <199704110429.VAA26939@kim.teleport.com>

BAfolks -

There's been some talk lately re Collins antenna couplers and their military nomenclature. Someone posted the following crossover:

> There are two mil versions of the 180L HF Coupler Series:  
>180L-2 is known as CU-991/AR

>180L-3A       "               "       CU-351/AR  
>in addition there were also some other equiv.in the 180 series:  
>180R-6       =    AN/SRA-22                               < \*\*\*\*\*  
>180T-2       =    CU-523/ARC-58

The 180R-6 and 180T-2 crossover is backwards - in reality the 180R-6 was used in the ARC-58 and the 180T-2 is the SRA-22 (used with the URC-32). The 180R-6 was automatically tuned with 400~ motors and servoamps present in the controller, a 309A-2E. The 180T-2 was manually tuned using switches on the remote control head - if I recall, it has no active components whatsoever.

The main reason for this message being posted to the group (rather than going out as private e-mail) is this:

Be a bit cautious when poking around inside the SRA-22. The SRA-22 has a big chunk of ferrite inside the ribbon roller inductor, and under certain conditions the ferrite can overheat, crack, and come apart, generally causing havoc inside the ceramic roller form. Later units saw a mod where a new ferrite core was installed - the new core was surrounded with a sleeve of Beryllium Oxide, to better distribute the heat through the core. My unit is well marked with the usual BeO warnings, but some may not be so well marked.

If you're interested and get a chance, do a web search for BERYLLIOSIS, the lung disease caused by exposure to Beryllium and it's oxide. Not as scary as I'd been lead to believe, but still nothing to play around with.

I've worked on several of these old Collins automatic couplers and have found the BeO sleeve only in the SRA-22. The TRC-75 coupler, the ARC-58 coupler, and the commercial 180R- units don't seem to use the ferrite piece at all.

73  
Dave Ross      KA6EPI      ross@hypertools.com

From boatanchors@sco.theporch.com   Fri Apr 11 19:11:37 1997  
From: Eugene Rippen <soundval@foothill.net>  
Subject: Correct Subscription to baswaplist  
Message-ID: <334E8AAB.4E36@foothill.net>

Hi,

PLEASE, PLEASE send you requests to subscribe to the new BA buy/sell list to the correct address!!!!!!

The address to send to is:  
majordomo@foothill.net

It is NOT: soundval, nor is it baswaplist.

The message should say ONLY: subscribe baswaplist

Gene

From boatanchors@sco.theporch.com Thu Apr 10 19:08:52 1997  
From: don merz <71333.144@CompuServe.COM>  
Subject: CQ L.A. BAer's  
Message-ID: <970410200421\_71333.144\_DHB58-8@CompuServe.COM>

Anyone in L.A.: A fellow named Don Strouder in L.A. is seeking to dispose of some of his late father's vintage ham gear. He mentioned some Clegg stuff including a VHF Interceptor and an "Interceptor All-Bander." But he said that there is more including books and manuals, etc. He is not a ham and would like a fair offer for part or all of it, pick-up-only--he wants you to come and look at it. He also may want to get an estimate of what it's worth before actually selling it. So 2 trips may be required.

If any of that sounds worthwhile, please contact Don via e-mail at 71267.2165@compuserve.com. As usual, this is strictly "buyer-beware" since I don't know this guy from Adam.

Good luck.  
73, Don

From boatanchors@sco.theporch.com Thu Apr 10 19:08:52 1997  
From: BEN NOCK <106312.1035@compuserve.com>  
Subject: Dennis !  
Message-ID: <199704101307\_MC2-140E-1571@compuserve.com>

We have another one. I got this in response to my Dennis posting:

=====  
Message-Id: <199704090100.DAA19863@basement.replay.com>  
Subject: i tend to agree with dennis  
From: nobody@REPLAY.COM (Anonymous)  
Organization: Replay and Company UnLimited  
X-URL: http://www.replay.com/remailer/  
X-001: Replay may or may not approve of the content of this posting  
X-002: Report misuse of this automated service to <abuse@replay.com>

Ben,

I am a member of BOATANCHORS, and from what I've seen so far, I tend to agree with Dennis. Not his language, but his intent and observations.

Forums like BOATANCHORS mostly serve the purpose of some rusty old collectors who are trying to drive up the value of some hefty iron they happen to own.

Create a demand! We've all seen it, and we've all heard it. Well, sir, it is surely alive and well on the BOATANCHOR lists and newsgroups!

--The Observer

=====

My response ?

If you can not put your name to this,

SHUT UP.

God, aint there a lot of them around.

Ben G4BXD

From boatanchors@sco.theporch.com Fri Apr 11 19:11:37 1997

From: dfrancis@iex.net (Dexter Francis)

Subject: Re: DRMO Tube Sales/TV-7 pricing

Message-ID: <v01520d03af746dbd3eb7@[207.0.57.74]>

Greetings all -

If anyone is interested in what sort of prices tubes have been fetching at the latest DRMO auctions,

I can provide numbers for the ones held at Hill AFB and Ogden Utah.

BTW - There was a LaPointe Industries TV-7D/U in the March 25th Hill AFB auction.

It sold for \$37.90 (I bid \$35.35...)

-df

\* CWest Tube Sales - P.O. Box 22443 SLC, UT 84122 \*  
\* (801) 363-TUBE voice/fax, E-mail: tubes@usa.net \*  
\* For a current listing of New and Used Tubes try \*  
\* [http://www.usa.net/~dfrancis/CWest\\_Tube\\_Sales.html](http://www.usa.net/~dfrancis/CWest_Tube_Sales.html) \*



From boatanchors@sco.theporch.com Fri Apr 11 19:11:37 1997  
From: Paul Thekan <Paul.Thekan@eimac.cpii.com>  
Subject: Foothill Swap \$2 parking fees  
Message-ID: <2.2.16.19970411115309.2e17d868@eitel.eimac.cpii.com>

Hello All

Just a reminder to those attending the Foothill Swap this  
saturday , that the parking is now \$2. So make sure you bring 8 quarters to  
feed those \*@#! ticket dispensers.

Thanks for the bandwidth  
73  
Paul N6FEG

Paul Thekan - Speaking for Himself  
Paul.Thekan@eimac.cpii.com

From boatanchors@sco.theporch.com Fri Apr 11 19:11:37 1997  
From: WA6GYD@aol.com  
Subject: FS RL Drake speaker  
Message-ID: <970411153751\_1917939180@emout04.mail.aol.com>

For sale a R.L. Drake speaker in its MS-4 cab. On a scale of 1-10 about an 8.  
No dents and with TLC will clean up nicely. I would like to get \$35 plus  
shipping from SF BAY area. (found at neigherhood garage sale, put in garage  
sale by wife of owner).

Don

From boatanchors@sco.theporch.com Fri Apr 11 19:11:37 1997  
From: howellh@winthrop.edu  
Subject: FS/HRO-60  
Message-ID: <97041112523651@winthrop.edu>

WINTHROP UNIVERSITY

Electronic Mail Message  
Date: 11-Apr-1997 12:43pm EST  
From: Haney Howell  
HOWELLH  
Dept: Mass Communication  
Tel No: 323-4534

TO: Remote Addressee ( \_smtp%"boatanchors@theporch.com" )

Subject: FS/HRO-60

I'm thinking of heading for Raleigh, NC for the Sunday hamfest. I have a rack mount HRO-60 with all of the bandspread coils except 10 meters. It is in excellent physical and mechanical shape.

I do not want to ship this unit. I'd like to dicker over something like a KWM2-A, TR7/A VFO or similar. Also a R4C/T4XC combo with the mods.

Anyone interested in a buy/trade?

Haney <howellh@winthrop.edu> k2xn (ex no2n)

From boatanchors@sco.theporch.com Fri Apr 11 19:11:37 1997  
From: RhyneK@aol.com  
Subject: FS: National Receiver model NC-183  
Message-ID: <970411171638\_-1201040841@emout07.mail.aol.com>

I have for sale a National NC-183 general cov. receiver. It is in very good working and cosmetic condition. Near mint in appearance. Asking price is \$200. This is a pick up only or will deliver within 100 mile radius. I am located in Westford, MA. About 24 mile northwest of Boston. e-mail here or call 508-392-9943. Ask for Rhyne

From boatanchors@sco.theporch.com Fri Apr 11 19:11:37 1997  
From: "Terry O'Laughlin" <terryo@wort-fm.terracom.net>  
Subject: FS: Navy R-390A  
Message-ID: <199704111741.MAA08947@mendota.terracom.net>

For Sale:

R-390A  
Electronic Assistance Corp.  
contract no. DAAB05-67-C-0155  
serial no. 388

Positive stuff:

front panel is in very good condition with the rare, Navy issue, very light gray (almost green-gray) with black lettering and the tell-tale green "diode-load" terminal on front panel next to headphone jack

guts are very clean, relatively new radio with low miles on the gear train, works great and in good calibration

all WPM flat black tube shields with internal heat dissipators (like low

budget IERC), all tubes recently tested, 26Z5s replaced with silicon units by the Navy (radio came from Bremerton shipyard)

Negative stuff:

no top or bottom covers, knobs have some paint chips, rear panel has small blue paint splatters and minor scratches, minor paint scuffs on front panel (relatively little paint damage around rack screw holes - this radio appears to have spent most of its life in one place), the diode load terminal isn't connected to anything (?), only non-official mod is selenium rectifier replaced by newer bridge rectifier (have NG original safely sealed in plastic bag if you want it)

The gist:

Clean, sharp looking, almost completely original R-390A in rare and unusual Navy color configuration. (With help of Monday's solar flare, last night I listened to Australia hams on 15 meters at 0500Z on this radio using a long wire in my attic)

\$350 plus shipping,

preference given to anyone who wants to pick it up (perhaps at Sunday's MARA swapmeet here in Madison,WI)

73      Terry O'      WB9GVB

From boatanchors@sco.theporch.com   Fri Apr 11 08:45:58 1997

From: Bill Meara <wmeara@erols.com>

Subject: Great BA Web site!!!

Message-ID: <199704111021.GAA00214@smtp2.erols.com>

Anchorologists:

>

>I just came across a WEB SITE that is so good that I felt obligated to immediately stop surfing so I could send you all a message about it.

>

>It is set up by Radio Netherlands and is a listing of "Old Radio" sites from around the world. It includes sites related to the history of radio, broadcast band radios, LOTS of ham stuff (including links to the Boatanchors page, John Dilks' page, KD4CPL's, WA4KCY's, NQ5T's W&FG's etc.), parts sources etc.

>

>Each link listed is followed by a one paragraph description of what you'll find.

>

>It is really excellent. Get a cup of coffee before you fire it up...

you're likely to be there a while!

>

>Here's the URL:

>

http://www.rnw.nl/en/pub/antique.html

>

>Have fun!

>

>

>

73 de N2CQR

Bill Meara

Hallicrafters, Heaths and Hammarlunds

QTH: Falls Church, Virginia, USA

Formerly of Tegucigalpa, Bilbao and Santo Domingo

wmeara@erols.com

http://www.mindspring.com/~johnmb/billm.htm

From boatanchors@sco.theporch.com Fri Apr 11 19:11:37 1997

From: "Gene S. Katz" <gkatz@motown.lmco.com>

Subject: Grundig Majestic 4095 (USA) FS

Message-ID: <Chameleon.970411100441.gkatz@pc062164.motown.lmco.com>

-----  
Name: Gene Katz

E-mail: gkatz@motown.lmco.com

From boatanchors@sco.theporch.com Thu Apr 10 19:08:52 1997

From: "Andy Howard, WA4KCY" <sweetbay@compuserve.com>

Subject: Re: Hallicrafters SX-88 FS -- Last Call

Message-ID: <199704101738\_MC2-1415-BBDF@compuserve.com>

>

> << SX-88 in very good cond cosmetically and electrically.

> A dream to operate and a rare find indeed.

> Less than 100 left and many of them not in operating cond.

>

> Min offer \$1,900 + shpg

> Offers will be finalized next week.

> >>

> Best of luck! :)

>

As the keeper of the SX-88 list and knowing most of the goings on with the sets being sold and traded I would say that this price is below market value. Remember market value is determined by supply and demand. Not what

you or I think an item is worth. I have an SX-88, HT-20 combination that it would take twice that to buy. Why so high? I'll tell you. I don't need the money and if I sold it where could I find another.

Regards to all,

~~~~~  
Andrew E. (Andy) Howard, Sr., WA4KCY
105 Sweet Bay Lane
Carrollton, Georgia 30116-8519
Telephone 770-832-0202
Southeastern Division Director, AM International
wa4kcy@usa.net wa4kcy@juno.com wa4kcy@qsl.net
Vintage Radio Home Page Address:
<http://ourworld.compuserve.com/homepages/sweetbay>
<><

~~~~~  
Keeper of the Hallicrafters SX-88 Owners List  
~~~~~

Vintage Radios, Electric Trains, Machine Guns, etc.

From boatanchors@sco.theporch.com Fri Apr 11 19:11:37 1997
From: owens@stout.atd.ucar.edu (Chip Owens)
Subject: HEISING MODULATION
Message-ID: <199704111546.JAA07556@atd.atd.ucar.EDU>

100% modulation can be achieved with Heising modulation by using a double Heising scheme. Two audio chokes (or power supply type filter chokes) are used. One choke feeds B+ to the Class A audio amplifier. A series capacitor couples audio from the audio stage to the RF stage. A second choke feeds the B+ to the RF stage. It looks similar to a pi-type high-pass filter, having two chokes as shunt elements and a series capacitor. You can get 100% modulation this way with some very nice sounding audio. 20Hy chokes would be nice, but something around 10Hy will still work with reduced low-frequency performance. The series coupling cap. can be 1 or 2MFd.

Chip Owens, NW00

From boatanchors@sco.theporch.com Thu Apr 10 19:08:52 1997
From: "Shaun P. Merrigan" <merrigan@ee.ualberta.ca>
Subject: HELP needed: RME-152A
Message-ID: <3.0.1.32.19970410105346.00815af0@nyquist.ee.ualberta.ca>

Hello BA gang,

I have the opportunity to get a RME-152A from a list member and I would like to gather information about that unit, as which equipment is usually hooked to it and the applications of this converter. I'm also looking for a suitable manual and schematics and whichever additional information is available. I should pay shipping to Spain, which I guess would be three times the cost of the converter, so I want to be sure of what I'm going to buy 8-) !

Thanks and best regards.

JOSE

73 JOSE V. GAVILA (EB5AGV / EC5AAU)
46910 Benetusser - Valencia (IM99TK) SPAIN
*** PLEASE, VISIT MY HOME PAGE AT:
<http://www.geocities.com/SiliconValley/6992>
e-mail: eb5agv@ctv.es & eb5agv@amsat.org

Shaun P. Merrigan
Electrical Engineering Student
University of Alberta
Edmonton, Alberta, Canada

From boatanchors@sco.theporch.com Fri Apr 11 08:45:58 1997
From: rhys@ix.netcom.com (Lawrence D. Wolken)
Subject: Hickok Cardmatic -- New Cards
Message-ID: <199704110143.UAA04603@dfw-ix2.ix.netcom.com>

Howdy Walter & the Gang --

One of the fellows who knows a lot about this tube tester is Bill Waters in Frederick Md. He used to be with the Nat'l Bur. of Stds. and now supplements his retirement by working on tube audio equipment and calibrating and repairing tube testers. I would call him and while he's not big into long free consults over the phone you may figure out a way to pay him to calibrate it for \$30-75 and at the same time learn a great deal about the machine as well as how to punch new cards. He enjoys telling all if he feels he's getting paid for it.

He is a very nice guy and his prices are reasonable. My mint-looking 6000A Hickok I found, much to my surprise, was telling me to throw out a

lot of perfectly good tubes so I had Bill calibrate the unit and feel much better about it as well as making the cost of the cal back in about a month on more accurate readings and tube savings.

You may find out everything you need to know on the BA group -- Lord knows there is a lot of knowledge here -- but if you don't or want more give Bill a call. <wate@erols.com> (301) 473-5950. Good luck.

Larry Wolken
N3OJD

From boatanchors@sco.theporch.com Fri Apr 11 08:45:58 1997
From: "Peter L. Demmer" <ampruss@hits.net>
Subject: Re: How big is a 6C21?
Message-ID: <334DA670.66B8@hits.net>

ABB;

Your 6C21 is a mil version of a super HT250. It was used as a radar pulsed modulator valve. I got one thru MARS back in 1969 and built up a super linear amplifier from an artical in I beleive in CQ. What a Green monster rig. Ran class AB with abt -120 VDC cutoff. It has a platium grid and glows a friendly soft plate red at 750 watts in the old RTTY service. Im not sure if I still have the schematics. 73/Peter/KH6CTQ

From boatanchors@sco.theporch.com Fri Apr 11 08:45:58 1997
From: "Peter L. Demmer" <ampruss@hits.net>
Subject: Re: How big is a 6C21?
Message-ID: <334DABCF.10E8@hits.net>

Mike;

You may well be on target with the 73 es 62 date. I posted my experience with that monster triode glowbottle. It was a mil version of the 250TH with a platium grid. 5 KV plate was very ok. I used 3.7KV for MARS RTTY es CW with -120 VDC for cut off bias. The relays were something else but not QSK. Small roller inductor tuned PIE input and a monster roller Inductor tuned PIE-L output. I used a 6 ft. std 19' rack side ways. That is, all the controls and metering were metal worked from the very top: SWR/FR output down to the varic pwr/supply at the bottom on the 9" wide end (side supports). Each function deck (including the RF amp) was long and narrow. The normal front and back sides became the sides with individial hinged perferrated sheet metal shielding side pannels. My friends refered to it as The green monster. It looked like I had seen too many Franky movies. Hey gang it was an un-flinching work horse. Yes the whole HV pwr supply was in the bottom

rail and it was on roller casters glitched from a furniture dolly. 73
Peter KH6CTQ

From boatanchors@sco.theporch.com Fri Apr 11 19:11:37 1997
From: "Morton L. Denison" <mdenison@postoffice.ptd.net>
Subject: Icom R71A for R390A
Message-ID: <334E7F55.1186@mail.ptdprolog.net>

In order to promulgate the existence of a completely boatanchORIZED hobby, I offer the following trade:

I'm looking for a pristine late model R390A (EAC or later) in great shape cosmetically and mechanically. The closer to Rick Mish quality the better. I've got an Icom general coverage R71A receiver in great shape which has the optional FM Unit and DC power cable kit. It's worth around \$600. If anybody is tired of know turning, let me know what we can work out. I'd prefer someone with in driving range from SE PA - I paid to have a 390A shipped once.

Email or call 717-755-6953 evenings.

Mort Denison - York, PA

From boatanchors@sco.theporch.com Fri Apr 11 19:11:37 1997
From: ARONGV@aol.com
Subject: Jones plug Help Needed
Message-ID: <970411150125_-900168759@emout13.mail.aol.com>

Hi Gang:

I'm working on a power supply that has a male 15-pin jones plug on the back of it. I can look at the schematic and haywire something together, but the correct plug would obviously be best.

Since I can't find one in any of my catalogs, can someone direct me to a source? The help would sure be appreciated.

Ron W00IZ Kansas City

From boatanchors@sco.theporch.com Fri Apr 11 19:11:37 1997
From: ARONGV@aol.com
Subject: Jones Plug Revisited
Message-ID: <970411154833_-200864221@emout17.mail.aol.com>

Hi Gang:

Apologies for taking up space looking for help.

The Jones plug I need is a 15-pin female type. Top row has all horizontal pins (5), and the next two rows (5 in each) are all vertical.

Ron W00IZ

From boatanchors@sco.theporch.com Fri Apr 11 19:11:37 1997
From: Jake Hellbach <kk5hy@accesscom.net>
Subject: Re: Knight T-150
Message-ID: <2.2.16.19970411182939.0cb70314@accesscom.net>

Hi Eric,
I have a T-150 and it works great. When I got it I had to replace some components in the microphone amp stage but that was it. I tried different mics but the D-104 seems to work the best.
The only tip I have (which you may already know) is that to correctly tune it for AM you first tune it in CW mode and then switch to AM.
It puts out about 100 watts peak on all bands except 10 and 6 meters. I was told that the vfo in these radios drift but I check mine with a freg. meter and its rock steady.

I've only heard 2 other people using this rig and haven't heard anything bad from them.

The only thing I am going to do is try an external plate modulator that I am in the process of repairing.

73' Jake KK5HY

At 08:04 AM 4/11/97 -0700, you wrote:

>Hi all,

>Anyone have any experience with a Knight T-150? I've fixed one up so it's in
>pretty good shape. AM on it actually sounds quite good but CW is pretty
>disgusting. Extremely chirpy.....enough so I won't use it on cw, at least
>not with the vfo. With a crystal it's substantially better which leads me to
>believe it's pulling the vfo.

>

>I haven't ever heard much about these rigs which could mean they weren't that
>great.

>

>73 Eric KA1YRV

>

>

-----Dedicated to the care and feeding of Vintage Radio-----

Email via: kk5hy@accesscom.net

-----A.M.I. #832-----

<http://www.accesscom.net/~kk5hy>

Updated with Boatanchor links!!!!

From boatanchors@sco.theporch.com Fri Apr 11 08:45:58 1997

From: "James F. Wood 253-7886" <WOODJ@mail.firn.edu>

Subject: Melbourne, Fl area

Message-ID: <E1986ZWUGBOECP*/R=FIRNVX/R=A1/U=WOODJ/@MHS>

Hi i will be in Melbourne .Fl from next Thursday- monday the 21 for the 10
annual Vietnam Vet reunion, at Wickcome park, any BA haunts around that
part of Florida?? Also any one attenting the reunion, give me a call back
channel and we get together for a Cold one.

Jim /N4ACS

woodj@mail.firn.edu

A old Hippie Vietnam Vet- ASA radio op(Phu Bai)

Philosopher for hire: "Will think for a beer"

From boatanchors@sco.theporch.com Fri Apr 11 08:45:58 1997

From: "Joseph W. Pinner" <kc5ijd@net-connect.net>

Subject: Mil manuals for sale

Message-ID: <199704111131.GAA20717@dns1.net-connect.net>

Have the following original manuals for sale:

VRC-12, -43, -47, etc	TM 11-5820-401-10-2	\$ 7.50
PRC-104	TM 11-5820-919-12	15.00
PRC-77	TM 11-5820-667-12	10.00
PRC-25	TM 11-5820-398-35	25.00
PRC-74	TM 11-5820-590-35	25.00

Have the following copies for sale:

USM-117	Navships 94344A	10.00
Communications Equipment Directory	TM 11-487A 1950	15.00
Schematics for Ground Radios	TM 11-310 1943	
Fair Radio Sales partial copy		18.00

All plus shipping.

73

Joseph W Pinner
Lafayette, LA
KC5IJD
EMail: kc5ijd@net-connect.net

From boatanchors@sco.theporch.com Thu Apr 10 19:08:52 1997
From: w0ozg@digitalexp.com (Schoepf, David)
Subject: More Radioactivity
Message-ID: <19970410204814822.AAA170@LOCALNAME>

If I remember my physics classes (1950's) properly, radioactive materials were added to many of the "Neon" devices to enhance their firing in the dark. That includes a lot of pilot lights and the like. The effect in daylight is minimal since the photons provide some of the energy needed for ionization. It would make sense to add the material to any device that is intended to function in the dark caverns of an old radio.

From boatanchors@sco.theporch.com Thu Apr 10 19:08:52 1997
From: "Robert M. Bratcher Jr." <bratcher@worldnet.att.net>
Subject: Re: MOVING, or YOUR TAX DOLLARS AT WORK
Message-ID: <3.0.32.19970410123532.00b140ac@postoffice.worldnet.att.net>

At 11:29 AM 4/8/97 +0000, you wrote:

>>For anyone who doesn't know yet, I'm pulling-up stakes
>>and heading to Austin, Texas.

>

>Dave,

>

> Welcome to Texas! I believe the Austin Summerfest is

>in June. I have not seen any info on it yet but that is the
>usual time.
>
>good luck & 73,
>Phil

Please tell me more about this Summerfest. Radio related? I live in Houston TX myself and drive out to Austin (via Hwy 290) twice a year for the 2 day Spring & Fall record collector shows. Thats my other hobby besides radio's & film collecting.

Austin is a nice college town as I remember from the summer I spent there in 1980.

Topless sunning (females letting the breasts show) is legal throughout the whole city. I don't see very much of it though since I don't live there. I hear it's still common at Barton Springs Pond (within city limits) but I haven't been there in several years. Besides I'd rather go to Austin to hunt up records!

Robert M. Bratcher Jr.

E-mail to:

bratcher@worldnet.att.net

Record collector, 8mm, super 8, 16 and 35mm Film collector.

I like old radio's too.

Collins, Hallicrafters, National & Hammurland are my Favorites!

From boatanchors@sco.theporch.com Fri Apr 11 19:11:37 1997

From: "Rick Blank" <rblank@legend.txdirect.net>

Subject: Re: MOVING, or YOUR TAX DOLLARS AT WORK

Message-ID: <199704111524.KAA09899@legend.txdirect.net>

There is actually another hamfest that surpasses the Austin Summerfest, and, it's twice a year! Belton. Belton took over from the Manchaca (or Manshack as the Austonians used to pronounce it) hamfest as the premier central Texas swapmeet. It is about another hour north of Austin for those of us driving up IH35, but, it is well worth it!

The next Belton is next weekend, the 19th of April, at the Bell County ExpoDome and starts around 7:00. It is held indoors in the dome, admission is \$1.00, tailgate spaces (at the door only) are \$10.00, and tables, also at the door only, are also \$10.00.

For more info, see the Belton website at: www.tarc.org

Manchaca was one of those hamfests where you went and woke up the chickens when you got there, i.e., it started at 0-dark-30 AM! it was not unusual to see folks starting to trade before 5:00 AM!

Those of us who populated this fest sorely miss it, but, a club's politics and the volunteer fire dept. where it was held policies killed it....too many chiefs, etc.....

The Austin Summerfest is being held this year from August 1st til the 3rd.

Hamcom in Arlington is June 6 thru 8th, 1997.

Hope this helps

Rick Blank, KI5SL
rblank@txdirect.net
AMSAT NA# 26195
San Antonio, Texas

From boatanchors@sco.theporch.com Thu Apr 10 19:08:52 1997
From: Surplus Al <surplsal@tl.infi.net>
Subject: Navy Manuals
Message-ID: <334C648F.5153@tl.infi.net>

A while back someone was looking for Navy manuals. If they would contact me, I now hve some lists. As always enjoy the discussions. Sounds like 40 meters to me. If we all agreed, would it be worthwhile.

Regards Al W3UGD

Will be at AARG Hamfest Saturday & Bloomsburg show Sunday

From boatanchors@sco.theporch.com Fri Apr 11 08:45:58 1997
From: Dave Hollander <davidh@getnet.com>
Subject: New Boatanchor Pictures
Message-ID: <1997041111331.GAA20276@getnet.com>

Greetings Anchorites

Although my home page is not a boat anchor page, I have posted some pictures of some my ham stations from the 1960's and 1970's.

Additionally, I have also posted some pictures of my elmer's equipment from the late 1920's and a few other miscellaneous radio pictures.

The url is: <http://www.getnet.com/~davidh/>

While you are there, be sure and visit the Central Arizona DX Association web page.

Enjoy,

Dave Hollander N7RK

Dave N7RK - Webmaster CADXA
Phoenix, Arizona *DXCC Honor Roll* *WAZ#23 - 75 Meter SSB*

ex-N7RK/ZB2, VK2ERK, ZM0AJN, WB6NRK

\\-//
davidh@getnet.com (o!o)
http://www.getnet.com/~davidh
-----oo00-()-00oo-----
-
E-Mail Address My Home Page

Visit the Central Arizona DX Association Home page at:

<http://www.getnet.com/~davidh/cadxa.html>

From boatanchors@sco.theporch.com Fri Apr 11 08:45:58 1997
From: jproc@bellglobal.com
Subject: New Radio Story
Message-ID: <Chameleon.4.01.2.970410220734.jproc@>

Dear BA'ers,

Another radio story titled "A Glimpse of Naval Radio Operations in Korea" has just come off the press. For anyone who wishes to read it, point your browser to:

www3.sympatico.ca/hrc/haida/radio/reading.htm

Regards,

Jerry Proc VE3FAB
E-mail: jproc@bellglobal.com
HMCS HAIDA Naval Museum, Toronto
WEB <http://www3.sympatico.ca/hrc/haida>

From boatanchors@sco.theporch.com Fri Apr 11 19:11:37 1997
From: dfrancis@iex.net (Dexter Francis)
Subject: Re: OOPS! Price Misquote
Message-ID: <v01520d05af746fe1bf7c@[207.0.57.74]>

Yesterday I said that AES sold copies of the RCA RC-19 tube handbook for \$26.

Mea Culpa! The correct price for both the RC-19 and TT-5 Reprints is \$12.95 ea.

The \$26 item was Transformers and Tubes in Power Amplifiers and I'm crosseyed....

-df

* CWest Tube Sales - P.O. Box 22443 SLC, UT 84122 *
* (801) 363-TUBE voice/fax, E-mail: tubes@usa.net *
* For a current listing of New and Used Tubes try *
* http://www.usa.net/~dfrancis/CWest_Tube_Sales.html *

From boatanchors@sco.theporch.com Thu Apr 10 19:08:52 1997
From: bill@skeeter.frco.com (William Hawkins)
Subject: People problems
Message-ID: <9704101617.AA17689@skeeter.bvc.frco.com>

I avoid people problems - that's why I'm an engineer and not a manager. Under the rules for this list, there would be no people problems here, only discussions of vacuum tube equipment. But wherever there's people, there's problems. I was dismayed by Carl's attack on Barry, and more dismayed by Barry's subsequent absence from the list. I thought Jack might take care of it off line, but Jack's presence seems to be reduced to automatic postings.

There's room for opinions here, because you can't always separate them from facts. We rely on people who do have the facts to set us straight. There is no room here for attacks. Attacks are dinosaur-brain (hind brain) responses to perceived threats. We

are civilized to the extent that we keep the hind brain under control. Maybe Carl had a bad experience with someone flaunting a PhD. That's unfortunate, but it's no reason to carry a great chip on the shoulder for all advanced degrees.

Nobody's perfect. Carl has had some good things to say. But if it comes down to a choice between Carl or Barry for peace on this list, I know who I'd pick. I hope Carl can offer a public apology to Barry. If not, I hope Jack'll do the right thing.

Sorry about this, but feelings are running high and need to be resolved soon.

Regards,
Bill Hawkins

From boatanchors@sco.theporch.com Thu Apr 10 19:08:52 1997
From: jmlckwd@mindspring.com (Jim Lockwood)
Subject: personal attacks and inappropriate postings
Message-ID: <199704101836.0AA17787@brickbat9.mindspring.com>

Gang,

It is never appropriate to use the boatanchors forum for personal attacks, public criticism, flames or other rude behavior, no matter how deserved such messages may seem to be.

There is a long standing custom which can be stated approximately as:
Praise in public, criticize in private. Common courtesy demands nothing less.

So, use boatanchors for the purpose for which it was created: a forum for the discussions of American, vacuum tube amateur radio gear. And if you must be critical, do it privately.

73,

Jim - km6nk/4

From boatanchors@sco.theporch.com Fri Apr 11 08:45:58 1997
From: Paul & Sandra Bock <bocks@erols.com>
Subject: Postscript to "Russian military equipment"
Message-ID: <334DD2C1.24CB@erols.com>

I forgot to mention that, Soviet Army "policy" notwithstanding, any soldier (or sailor) worth his/her salt would find a way, if it was in

their best interest, to use *anybody's* equipment if the need arose. Same in every army.....and navy....."Get the job done" is the name of the game.

Probably not much chance of proving it, though, except maybe by "anecdotal evidence."

73,

Paul, K4MSG

From boatanchors@sco.theporch.com Thu Apr 10 19:08:52 1997
From: BEN NOCK <106312.1035@compuserve.com>
Subject: QY3-65 valve ?? info wanted
Message-ID: <199704101307_MC2-140E-1568@compuserve.com>

I have just picked up a commercial bit of kit which looks like a high power 2 Mtr (VHF) amp.

It uses a pair of QY3-65 valves, with a great big copper tubing coil, about 6 turn at 2.5 inch dia, with a neat screw arrangement that slides copper tubes in and out of the coil to obviously tune it.

Any idea of the power rating at vhf of these valves ?

Ben G4BXD.

From boatanchors@sco.theporch.com Fri Apr 11 08:45:58 1997
From: MEC <danmec@inet.uni-c.dk>
Subject: Re: QY3-65 valve ?? info wanted
Message-ID: <Pine.3.89.9704110957.A16968-0100000@inet.uni-c.dk>

> I have just picked up a commercial bit
> of kit which looks like a high power 2 Mtr (VHF)
> amp.
>
> It uses a pair of QY3-65 valves, with a great big
> copper tubing coil, about 6 turn at 2.5 inch dia, with a neat
> screw arrangement that slides copper tubes in and out of
> the coil to obviously tune it.
>
> Any idea of the power rating at vhf of these valves ?
It is a Phillips/Mullard valve. I seem to remember it has a US equivalent but have to look it up.

I am responding from work, but if you have no reply from others , please drop me a line next week. I am off to my native Norway this weekend.

73 Rag oz8ro la5he jw5he

From boatanchors@sco.theporch.com Fri Apr 11 08:45:58 1997
From: Karl-Arne =?ISO-8859-1?Q?Markstr=F6m_08?= 6017171
Subject: Re: QY3-65 valve ?? info wanted
Message-ID: <D147IUF24KR2*/R=A1/R=MRGST/U=KAM/@MHS.stoa.mobile.telia.se>

^aAny idea of the power rating at vhf of these valves ?

^a

^aBen G4BXD.

According to an old valve (tube) handbook, the QY3-65 was the Mullard designation for the QB 3/200 or the 4-65A.

It is rated at 3 kV anode voltage and 65 W dissipation max, and has a maximum frequency of 150 MHz at full ratings.

A pair would, with proper cooling, easily deliver 500 - 600 W in class C or about 200 - 300 W PEP in a linear amplifier.

This tube and its bigger brother QB3-300 / 4-125A were quite popular in the 50's in 144 MHz PA's, and in the driver and modulator stages of early TV transmitters.

73/

Karl-Arne Markstrom
SM0AOM

kam@stoa.mobile.telia.se

From boatanchors@sco.theporch.com Thu Apr 10 19:08:52 1997
From: dfrancis@iex.net (Dexter Francis)
Subject: RCA Handbooks
Message-ID: <v01520d04af72f44eb242@[207.0.57.74]>

AES sells what I suspect are reprints of the TT-5 (\$12.95) and RC-19

(\$26.00) Manuals.

The \$26 for the RC-19 seems a bit steep, but if you're in a hurry, I guess it's one of the only sure fire ways to go.

I think Lindsey Publications also has one or two reprint tube manuals in their catalog.

-df

* CWest Tube Sales - P.O. Box 22443 SLC, UT 84122 *
* (801) 363-TUBE voice/fax, E-mail: tubes@usa.net *
* For a current listing of New and Used Tubes try *
* http://www.usa.net/~dfrancis/CWest_Tube_Sales.html *

From boatanchors@sco.theporch.com Thu Apr 10 19:08:52 1997
From: BEN NOCK <106312.1035@compuserve.com>
Subject: Repainting a front panel
Message-ID: <199704101344_MC2-1413-4092@compuserve.com>

I have a set with a scratched front panel. All the indented lettering though is ok, so, the question is, how do I respray the whole panel without affecting the lettering ?

I have had thoughts about sticking tape over the letters, but I thought that the paint at the tape edge might lift as I took the tape off.

I thought about using candle wax dripped into the indents, spraying over, then carefully chipping the wax out, but will the paint smudge around the edges of the wax ?

So, whats the answer ? Any offers.

Ben G4BXD

From boatanchors@sco.theporch.com Fri Apr 11 08:45:58 1997
From: "Peter L. Demmer" <ampruss@hits.net>
Subject: Re: RS-6, a thought.
Message-ID: <334DB5ED.5BE8@hits.net>

Rag;

In the raid on the mountian enclave where the plan was made to destroy

the heavy water plant, A knock on the door, a burst of automatic weapons fire, a couple of granades tossed in and no house, no body and no RS6 glowbug for ever. Peter KH6CTQ

From boatanchors@sco.theporch.com Fri Apr 11 08:45:58 1997
From: MEC <danmec@inet.uni-c.dk>
Subject: Re: RS-6, a thought.
Message-ID: <Pine.3.89.9704111034.A16968-0100000@inet.uni-c.dk>

> In the raid on the mountian enclave where the plan was made to destroy
> the heavy water plant, A knock on the door, a burst of automatic weapons
> fire, a couple of granades tossed in and no house, no body and no RS6
> glowbug for ever. Peter KH6CTQ

The team attacking the heavy water plant in Telemark spent their time in the mountains where a surprise attack by the Wehrmacht was virutally impossible. BTW : They used B2 sets. One is in the museum of Rjukan today.

73 Rag OZ8RO LA5HE
> >

From boatanchors@sco.theporch.com Thu Apr 10 19:08:52 1997
From: "Edward J. Zeranski" <ejz@nosc.mil>
Subject: Re: Spooky Radios
Message-ID: <2.2.32.19970410165405.013caf24@marlin.nosc.mil>

>It occurred to me this might make an interesting branch of
>interest itself, radios of the Viet Nam war. This was probably
>the last conflict to use vacuum bulb radio, am i right?
>Probably right at the pivot point between all-tube & hybrid
>equipment versus all transistor, with all three types present
>at one time.
>The variety of equipment & obscurity of some of it would seem
>to offer an interesting theme to persue.

Tubes were there "big time". Hybrid gear and solid state was the new stuff. The TCS, a WWII set was still common in the Navy but being replaced by WRC-1s, PRC-25s had a tube, the R390A was a comm workhorse and fleet broadcast was just switching over to the R1051. Every RDR I worked on had tubes! You're right about it being a transition time! During Shield and Storm the only was the twt in my uplink.

Ed Zeranski : ejz@marlin.nosc.mil, work / ezeran@cris.com, home
Wooden Boats, Tube Receivers, Rusty Old Trucks, The Good Stuff!
This is a private opinion or statement and is nobody's fault but mine.
No person, employer, or govt. should try to take credit for it!

From boatanchors@sco.theporch.com Fri Apr 11 19:11:37 1997
From: w0ozg@digitalexp.com (Schoepf, David)
Subject: Spring cleaning
Message-ID: <19970411160325525.AAA174@LOCALNAME>

Got 3 pieces of boatanchor type stuff to dispose of.

Supreme Radio Analyzer, Model 339.

This device is in a wooden case. It has a pigtail lead with interchangeable tube bases. The idea was to remove the tube from the radio, plug in the cable, and put the tube in the appropriate socket in the tester. Jacks for each tube pin allow the VOM panel meter to be used to read voltages. Also contains resistance & capacitor (condenser) substitutes. Insulation on the power cord is as hard as stone.

Jackson Instrument Model 441A Signal Generator, with manual.

Both of these items were used in my dad's radio shop in Pittsburgh in the 30's. His name is painted on the case of the Analyzer (Neatly)

Last, but not least, an Instructograph, with 8 tapes.

I'm out of space, so I'll take the best reasonable offer.

From boatanchors@sco.theporch.com Fri Apr 11 08:45:58 1997
From: Randyc3@aol.com
Subject: Stuff-Free and FS
Message-ID: <970411002711_-1234626353@emout07.mail.aol.com>

Some things I don't need, maybe you do.

1. About 10 back issues of the Hollow State Newsletter - Free to anyone with an R390 or SP600, since that is what's covered most
2. RF Probe for ME-26 Mil voltmeter - This is one of the new units that was sold at HSC last year for \$5. Someone says it works with HP410s. Free to anyone needing it to get an ME26 or HP410 working. With app note.
3. New HQ-100 (not an "A") manual. Bought for \$15, will sell for same.
4. Electrolytics for BAS -
 - A. 80@450, 30@450, 40@350, 40@150 standard twistloc. (It will fit in big

HQs (160,170,180) or stereo amps. \$15, I ship)

B. 80 + 40 both at 400v twist lock \$12, I ship

5. Audio Amateur Magazine complete 1981 and 1983 (8 or 9 issues) \$25, I ship.

73s

Randy

From boatanchors@sco.theporch.com Fri Apr 11 08:45:58 1997

From: ARONGV@aol.com

Subject: Svetlana Report

Message-ID: <970410204448_312124177@emout01.mail.aol.com>

Hi Gang:

Just bounced in from the National Assn. of Broadcasters convention in Las Vegas. What a ride back!

As promised, I talked at length with George Badger (VP) and Boris Pavlov (President) at the Svetlana booth. (Fortunately, Boris has been taking English lessons, so for the first time I didn't have to go through an interpreter!)

Was shocked to hear that they are indefinitely holding back on the introduction of a 6146. The reason blew my mind: seems the government is turning loose no less than 50,000 6146s. I'd like to know when and where!

But, the good news is that the 3-600Z (replacing the 3-500Z) will be on the market later this year. I had one in my hand and it looked mighty good to me. Don't know if this was just convention talk (although Badger didn't get his reputation with Eimac/Varian by straying from the truth), anyway in front of the president, he made it clear I would get tubes number 1 and 2 off the assembly line!

Their literature says "plug compatible replacement for the 3-500Z, with increased power dissipation capability."

Here are the newest tubes coming out in 1979:

3CX800A7 Zero bias high-mu triode typically delivers 750 watts in Class AB service. Exact equivalent of the US 3CX800A7. Late 1997.

3CX400A7/8874 zero bias high mu triode typically delivers 590 watts at 30 MHz and 505 watts at 500 MHz in Class AB service. Exact equivalent of the US 3CX400A7/8874. Early 1997.

Here's a quick rundown of other 1997 introductions you can look for:

4CX7500A, 4CX12,000A, 4CX20,000A, 4CX20,000B, 4CX20,000C, and the 300B.

Last on the list for mid-1997 is the SV6L6GC with "performance similar to classic Sylvania 6L6GC/STR387."

As soon as I get my mits on that pair of 3-600Zs, I'll be online to compare what happens when I drop them into my 3-500Z sockets.

73s

Ron W00IZ Kansas City

~~~~~  
Keeping Hallicrafters, Johnson, RME & Swan on the air. Anything For sale?  
~~~~~

From boatanchors@sco.theporch.com Fri Apr 11 19:11:37 1997
From: Clark Thompson <cmthomp1@facstaff.wisc.edu>
Subject: SX-16 Value- follow up
Message-ID: <334E95AC.1BD2@facstaff.wisc.edu>

Thanks very much to all who responded. I tried to reply to everyone individually, but I can't keep up. The consensus is that \$250 for a "very good" SX-16 is too much! I'll save my money for now....

73,

Clark, KD9QI

cmthomp1@facstaff.wisc.edu

From boatanchors@sco.theporch.com Fri Apr 11 19:11:37 1997
From: jim thompson <jim@exis.net>
Subject: The St. Julien's Creek R-390A Massacre
Message-ID: <1.5.4.16.19970411231411.6b77f2b4@mailhub.exis.net>

The St. Julien's Creek R-390A Massacre

The sale of the R-390A's has been a real experience. The sale took place Thursday morning, April 11. Since I received so many responses from my

first posting describing the condition of the receivers, I thought some of you might be interested in the results of the auction. Rather than sending a couple of dozen personal responses, with your permission, I will recap the entire R-390A saga at the St. Julien's Creek Annex in Portsmouth, VA. Though what has transpired is insignificant in the overall scheme of things, it is a worthy and well-earned tribute to our military establishment and to government efficiency itself.

The story begins, from my point of view, with a gigantic pile of more than 1000 R-390A receivers (by my estimate). There they were, stacked under the bright Virginia sun on a cold Virginia winter day. You have to imagine what it must have looked like. The pile was perhaps a fifty foot square and more than 6 feet high. It was an incredible sight. In that one spot was the answer to the dreams of hundreds of enthusiasts who hold the R-390A in the highest esteem but are unable to have one of their own. To many of us, here stood, row upon row, perhaps the finest receiver ever engineered. In the eyes of anyone who loves the 390A, it is a masterpiece of enduring beauty. Of course, that was before the ravages of a year or more sitting in the rain, snow, sleet and hail took their inevitable toll. At least the weather is a natural consequence of neglect. Unforgivable as the neglect is, these agents of mistreatment had defaced each of the noble R-390A's by marking them with a crooked stripe of cheap yellow paint across their face. There the 390A's stood piled for months.

I admit to being hopelessly spellbound by high performance receivers and even receivers less worthy but endowed with pretty faces. Being a true enthusiast, I kept my eye on the R-390A situation, hoping to rescue a few when they became available, again.

During this time I made an appointment with a manager at DRMO and tried to explain that the receivers needed to be disposed of promptly before they were completely ruined. I tried to convince the DRMO powers that be, or at least the powers that I could talk to, that it would be in the public interest to sell the receivers in small quantities so that those of us who restore such things could afford to do. After all, the R-390A has historical value. Actually, the officials I talked to were quite polite. On the other hand, in DRMO's view, a pile of R-390A's is pretty insignificant when you're trying to dump a junkyard full of airplane parts, boats, and other military castoffs. Finally, there was a sale. My vigilance was unrewarded, as several hundred receivers were sold in one lot. The selling price was \$37.50 per receiver. By the way, I was not the only one who tried to intervene with on the R-390's behalf. At least one other individual tried other approaches to save the 390A's. I can't go into details because I haven't sought his permission to do so.

After another conversation with the DRMO management, I again asked for a smaller lot size, something that was manageable by an individual. It should be understood that I don't claim to have accomplished anything important in

this entire endeavor. There may have been others making the same plea with the DRMO folks. However, being unaware of others' efforts, I'll continue with my own observations.

A second sale, and probably more, took place, but by this time, my efforts were focused in other directions - like running a business. Unfortunately, I can't report the selling price nor the number of receivers sold.

This brings us to the posting on Boatanchors week before last. After seeing the interest in the sale, I decided to visit the pile again and report to my fellow boat anchorites.

Well, it was far worse than I had expected. Most of the of the R-390A's were gone. I suppose that's good. The horror of seeing our beloved mechanical-digital super receivers slowly being reduced to rust was finally coming to an end. I do hope that some receivers escaped without permanent injury during earlier sales, because I think that the poor 390's sold in the April 11 auction would be considered a prize by only the most ardent restorer. Just to set the scene, the following is my impression of the 12 receivers on a typical pallet. Of the 12, perhaps four were candidates for restoration by a pro with lots of time on his hands. Of the remaining eight receivers in a pallet load, perhaps five would make GOOD parts radios. The last three of the 12 had already been attacked by military technicians who obviously had no respect for these receivers. Still, even these could provide some useful parts and assemblies. Obviously, some pallet-loads were better than others. But, in general, the PTO tuned and so did the Veeder-root counters on about half the receivers. As someone commented, most of the tuning knobs felt like they had sand for a lubricant. Some tuning knobs wouldn't turn at all, frozen eternally to their last operating frequency. The screws in the tuning racks were rusting as was anything else that was capable of rusting. The meters were gone, except for two pallets of receivers which slipped through on this sale (interesting). The good news is that the receivers had sat in the rain so long that the cheap paint used to deface the 390's had faded. On the other hand, maybe that's not good news

I have to admit that I went to the April 11th, auction hoping for a bargain. With two excellent R- 390A's in my receiver collection, it would be nice to have some spares and be able to share my abundance with others. Well, forget the philanthropy. I wasn't even in the ball game at this auction. In fact, I wasn't even in the ballpark. When the first lot of 24 receivers came up, the bidding started at \$100. I couldn't really tell, but it seemed like there were five or six of us bidding. Within about 10 seconds the bidding was at the \$1000 level and climbing fast. I was finished at \$1000. The bidding stopped at \$1800. The next lot started at \$1000 and ended at over \$1600. The third lot went for just under \$2000 and the final double lot of 48 receivers (some with the meters) was bid in at \$4000!

The entire auction process was interesting. I learned a lot. All the bidding after the first few seconds was between two people. I do not know who they were or who they represent. I do know they were at the auction to take home those receivers. If I am not mistaken, one person bid in all four lots. The whole deal was done in less than two minutes, so I didn't have time to check the winners.

So here ends this saga of the R-390A receivers. They were born into glory and served honorably in the defense our country from hateful enemies. They achieved the highest respect as the epitome of practical electro-mechanical design, only to be relegated to a junk yard and sold as scrap. I'm sure whoever purchased the 390A's plans to rip them apart and sell the parts. I suppose, in a way they are heros. They saved what was left of our beloved 390's. Let's just hope that the profit motive doesn't overwhelm honesty so that when the scraps of these receivers are sold, the sellers will differentiate between the parts which still operate and those that don't.

It's just too bad that the 390's couldn't have been spared their junk yard fate and set free with their dignity intact by moving them out quickly. Or, if not that, do I dare suggest the obvious? No, the logic of it couldn't have escaped the guardians of the tax payer's property. I must have missed that compelling reason why the 390's were denied shelter from the weather until new owners could be located.

Again, it's hats off to our ever efficient, always frugal, all wise government and especially our public servants who don't know a gravy boat from a tug boat.

I hope you enjoyed this whimsical version of the sad saga of the R-390A massacre at St. Julien's Creek Annex, Portsmouth, Virginia.

Jim Thompson, W4THU
jim@RadioWorks.com

From boatanchors@sco.theporch.com Fri Apr 11 19:11:37 1997
From: "Gene S. Katz" <gkatz@motown.lmco.com>
Subject: Tom Swift and His Wireless Message
Message-ID: <Chameleon.970411164231.gkatz@pc062164.motown.lmco.com>

Name: Gene Katz
E-mail: gkatz@motown.lmco.com
From boatanchors@sco.theporch.com Fri Apr 11 19:11:37 1997
From: Tom.Daley@530.gigo.com (Tom Daley)

Subject: trade: radar (sorry abt garble)
Message-ID: <df2_9704111312@gigo.com>

*** SORRY FOR THE GARBLED MESSAGE BEFOR !! ***

Hello BA people i have for trade

Raytheon model 2900 mariner's pathfinder radar

the model 2900 radar is a multipurpose navigational radar designed specifically for marine use, ideal for use in smaller vessels because of its 32 mile range, simplicity of installation, high order of compactness and low power drain. the 2900 displays your position in relation to nearby ships, bouys and land. selectable range scales of 1/2, 2, 4, 8, 16 and 32 miles. this unit is solid state except the magnetron, klystron, TR tube and crt display. the 2900 consist of 3 main parts; the antenna transmitter-receive unit, the display and the power converter. it can run on 12, 24 or 32 volts (jumper selectable) dc.

operation frequency is 9375 mhz with a peak power output of 7000 watts (7kw). pulse width is 100ns or 670ns depending on selected range. receiver if freq is 45mhz. antenna is a slotted array (vertically polarized) with a beamwidth of 3.5 degrees at 3db down. the trans/rec/antenna is inside a fiberglass radome thats 17"h and 34"w and weighs 46 lbs. display unit is 11.5"h x 11.5"w x 16"d and weighs 20 lbs. the power converter unit is 17"h x 12"w x 7"d and 30 lbs.

test equipment required for alignment and maintenance is simply a multimeter (simpson 260 or equiv) and oscilloscope (tektronix 442 or equiv [20mhz]). unit comes complete with all cables and hardware. includes users/maintenance manual !

uses 2j42 magnatron as a power oscillator, a 2k25 klystron as the receiver lo, a 1b63a tr tube as rf tr switch and a 7abp-7a crt tube for display.

*** this unit has never been installed !!!! and it is unused !!
*** it has been sitting in storage since 1980. this is still
*** supported from raytheon for parts and service !! it is
*** in very good condition but untested. the radome has never
*** seen weather and the bright red raytheon logo is still bright
*** red - like new !!

i want to trade this item for a clean/complete/with cabinet

collins r388 (51j3) or hammerlund sp600 !! i would prefer
local pick up or meet within a 100mi of sacramento !! i could
pack and ship myself all but the radome which would require
professional attention (ups foam packing ??)

talk to me ! thanks 73 tom

--

: Fidonet: Tom Daley 1:203/530 .. speaking for only myself.
: Internet: Tom.Daley@530.gigo.com

From boatanchors@sco.theporch.com Fri Apr 11 08:45:58 1997
From: "Ray L. Mote" <rmote@rain.org>
Subject: Re: TS-329/U info
Message-ID: <Pine.SUN.3.95.970410232840.24666A-1000000@coyote.rain.org>

>From CO-NAVAER 08-5S-78, MANUAL OF TEST EQUIPMENT FOR AIRBORNE
ELECTRICAL AND ELECTRONIC EQUIPMENT, dated 1 January 1945, revised 1
November 1945:

"DUMMY ANTENNA TS-329/U

(The TS-329/U is identical to the Army type A-68-A dummy antenna.)

Primary purpose: Output measurements of aircraft VHF transmitters.

The TS-329/U consists of a resistor bank in series with a 0-500 r-f
milliammeter, mounted in a wooden box. Connector on box is 49194.

The 329/U dummy antenna provides a terminating load having an impedance
of approximately 50 ohms up to 160 Mc/s. The maximum power rating is
12.5 watts.

This dummy antenna may be used in any application consistent with its
electrical characteristics and is specifically recommended for use in
testing AN/ARC-1, AN/ARC-4, and AN/ARC-5 transmitters.

The TS-329/U is identical to dummy antenna A-68-A which is supplied as
part of test equipment AN/GRM-1.

In the maintenance of AN/ARC-1, AN/ARC-4, AN/ARC-5, and other similar
equipments, the TS-329/U is recommended in place of the TS-78/U for
terminating the transmitter output. The transmitter output is
indicated by a lamp load in the TS-78/U whereas the TS-329/U indicates
output on a r-f milliammeter, thus enabling more accurate indications
of change of output and allowing comparison of power output with other
transmitters of similar equipment.

Complete equipment consists of TS-329/U dummy antenna, and cable, 5 ft. RG-8/U, each end terminated in 49195 connectors, plus an instruction sheet. Dimensions: 5 x 4 x 3 inches. Weight: 2 lbs. (approx.)."

73.....Ray Mote, K5FKT <rmote@rain.org> Oxnard, CA

From boatanchors@sco.theporch.com Fri Apr 11 19:11:37 1997
From: Jim Wilson-EJW012 <Jim_Wilson-EJW012@email.mot.com>
Subject: URM-25D Distortion - revisited
Message-ID: <"Macintosh */PRMD=MOT/ADMD=MOT/C=US/"@MHS>

From: Wilson-EJW012 Jim on Fri, Apr 11, 1997 9:47 AM
Subject: URM-25D Distortion - revisited

Back on Jan 8 I posted a description of problem that I was having with a URM-25D RF Signal Generator -- the problem manifested itself as distortion on the negative peak of the RF output (both at the attenuator and the X-200K outputs). The negative peak is more rounded than the positive peak and has a noticeable 'flatted' portion on the negative slope just before the 'peak'.

Well I'm still trying to figure it out, and along the way I've picked up another -25D and also a -25F. All 3 units show the exact same distortion! As I described in my earlier post, I've checked my 'scope to make sure its okay. I have not done any service on the two recent units yet.

Now I can't believe that I happen to have gotten the only 3 units with this problem (especially since the -25F is a significant redesign of the -25D) -- can some of you folks with these units fire them up and see if you have a similar problem?

I'd be happy to send a copy of my earlier complete description of the problem and attempted fixes to anyone who is interested.

Regards, Jim

Jim Wilson
3815 NW 72 Dr.
Coral Springs, FL 33065-2244
tel: 954-723-4532 (day); 954-341-3306 (eve)
fax: 954-723-5064
email: EJW012@email.mot.com

From boatanchors@sco.theporch.com Fri Apr 11 08:45:58 1997
From: Ronnie Hull <larebel@ms1.nwla.com>
Subject: Valiant Front Panel
Message-ID: <1.5.4.16.19970411062745.0897ec36@ms1.nwla.com>

well, this is the one thing IM gonna keep!! Now, who
can remember the past posts about someone who will silk
screen this panel and put it in mint shape?

I want to have this "just in case"

Ronnie

From boatanchors@sco.theporch.com Fri Apr 11 19:11:37 1997
From: Clark Thompson <cmthomp1@facstaff.wisc.edu>
Subject: Value of SX-16?
Message-ID: <334E63FF.7EA4@facstaff.wisc.edu>

Hi everyone,

I have the opportunity to buy a Hallicarafters SX-16 in "very good"
condition for \$250 plus shipping. I'm told it's dirty but intact and
working to some extent on all bands. Is this reasonable?

Thanks & 73,

Clark, KD9QI

cmthomp1@facstaff.wisc.edu

From boatanchors@sco.theporch.com Fri Apr 11 19:11:37 1997
From: Ed Tanton <n4xy@bellsouth.net>
Subject: Re: Value of SX-16?
Message-ID: <3.0.1.32.19970411123346.009eee00@mail.atl.bellsouth.net>

Hi Clark... et al... as others here have pointed out, the value of a radio
often depends on widely varying factors-sometimes on matters less than the
obvious things. I think the best test in the long run for
less-than-exorbitant prices is: is it worth that to you?

I know that does not really answer your question, but I have often used it
to console myself when I have royally screwed up buying something whose
value was... well... different from what I paid.

72/73

>73 de N2CQR
>Bill Meara
>Hallicrafters, Heaths and Hammarlunds
>QTH: Falls Church, Virginia, USA
>Formerly of Tegucigalpa, Bilbao and Santo Domingo
>wmeara@erols.com
><http://www.mindspring.com/~johnmb/billm.htm>

I found this great site myself 3 months ago.
Posted it to the Old Time Radio Digest listserver then.

Robert M. Bratcher Jr.
E-mail to:
bratcher@worldnet.att.net
Record collector, 8mm, super 8, 16 and 35mm Film collector.
I like old radio's too.
Collins, Hallicrafters, National & Hammurand are my Favorites!

From boatanchors@sco.theporch.com Thu Apr 10 19:08:52 1997
From: vigar@interport.net
Subject: WTB Tube CV 2231
Message-ID: <1.5.4.32.19970410232528.006eb080@pop.interport.net>

I need to acquire (either by purchase or trade) a tube made
by GEC of England # CV2231. Any help would be appreciated.
73's.

Gary
Gary Gleicher, K2ZSZ
242-01 Alameda Ave.
Douglaston, NY 11363
718-423-1906 (eves.)

From boatanchors@sco.theporch.com Fri Apr 11 08:45:58 1997
From: Terry Pridgen <pridgent@pinn.net>
Subject: WTB: Tubes
Message-ID: <Pine.SUN.3.91.970410221626.15120A-100000@everest.pinn.net>

Looking to buy the following tubes: 0C3/VR105, 5U4GB, and 6V6GT/GT.
Please respond directly via Email.
73, Terry, KC4YTF
pridgent@pinn.net